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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

		Application Number	10/748,390
		Filing Date	December 29, 2003
		First Named Inventor	Selena Chan
		Art Unit	1645
		Examiner Name	TBD
Total Number of Pages in This Submission	55	Attorney Docket Number	INTEL1200(P18025)

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Form PTO-1449 (2 pgs.); 2. References (5); 3. Return Receipt Postcard
Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	DLA PIPER RUDNICK GRAY CARY US LLP		
Signature			
Printed name	Michael P. Reed, J.D., Ph.D.		
Date	March 30, 2005	Reg. No.	45,647

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature			
Typed or printed name	Karin E. Harden	Date	March 30, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT  
ATTORNEY DOCKET NO.: INTEL1200(P18025)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Selena Chan et al. Art Unit: 1645  
Serial No.: 10/748,390 Examiner: TBD  
Filed: December 29, 2003 Confirmation No.: 8160  
Title: DETECTION OF BIOMOLECULES USING POROUS BIOSENSORS AND  
RAMAN SPECTROSCOPY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. § 1.97, enclosed are references relating to the above-identified application. For the convenience of the Examiner, the references are listed on the attached Form PTO-1449 and a copy of the references are enclosed herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

**CERTIFICATION UNDER 37 C.F.R. § 1.8**

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service with sufficient postage as first class mail on this date, **March 30, 2005**, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Karin E. Harden*  
(Name of Person Mailing Paper)  
*Karin E. Harden*  
(Signature) March 30, 2005  
(Date)

In re: Applicant of  
Selena Chan et al.  
Application No. 10/748,390  
Filed: December 29, 2003  
Page 2

PATENT  
ATTORNEY DOCKET NO.: INTEL1200(P18025)

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement, because it is being filed prior to the mailing of a first office action on the merits of the above-identified application. However, if any fee is required, authorization is hereby given to charge the amount of any such fee, or credit any overpayment, to Deposit Account No. 07-1896.

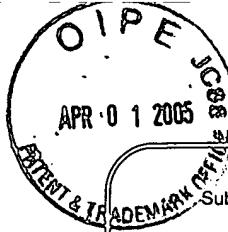
Respectfully submitted,



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Facsimile: (858) 677-1465

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Substitute for form 1449A/PTC

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary.)*

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of 2

**Complete if Known**

Application Number	10/748,390
Filing Date	December 29, 2003
First Named Inventor	Selena Chan et al.
Art Unit	1645
Examiner Name	TBD
Attorney Docket Number	INTEL1200(P18025)

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

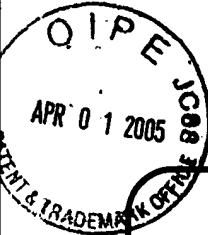
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	Date Considered	
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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				Application Number	10/748,390
Sheet	2	of	2	Filing Date	December 29, 2003
				First Named Inventor	Selena Chan et al.
				Art Unit	1645
				Examiner Name	TBD
				Attorney Docket Number	INTEL1200(P18025)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
BA		Doering et al., "Spectroscopic Tags Using Dye-Embedded Nanoparticles and Surface-Enhanced Raman Scattering", Nat. Phys. Sci., 1973, Vol. 241, pp. 22-24	
BB		Mulvaney et al., "Glass-coated, Analyte-Tagged Nanoparticles: A New Tagging System Based on Detection with Surface-Enhanced Raman Scattering", Langmuir, 2003, Vol 19, pp. 4784-4790	
BC		Chan et al., "Porous Silicon Microcavities for Biosensing Applications", Phys. Stat. Sol., 2000, Vol. 182, pp. 541-546	
BD		Voldman et al., "Microfabrication in Biology and Medicine", Annu. Rev. Biomed. Engl., 1999, Vol. 1, pp. 401-425	
BE		Craighead, "Nanoelectromechanical Systems", Science, 2000, Vol. 290, pp. 1532-1535	

Examiner Signature	Date Considered
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<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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